## THE ODISHA STATE POLICE HOUSING & WELFARE CORPORATION LTD. JANAPATH, BHOINAGAR, BHUBANESWAR - 22

[Electrical Division]

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## PRICE BID FOR THE WORK UNDER SL. NO:- 17 AS PER IFB

NAME OF THE WORK :- EXECUTION OF EXTERNAL ELECTRIFICATION & AREA ILLUMINATION WORK AND INSTALLATION OF LIGHTNING PROTECTION SYSTEM AT SUPLA (COB) IN THE DISTRICT OF KANDHAMAL.

## BID REF NO.- 04/PM/ELECT/OPHWC/2024-25

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## **SCHEDULE OF WORKS**

	Description of work	Unit		Estimated Cost in Rs.		
Sl. No.			Qty.	RATE IN RS.	AMOUNT IN RS.	
PART-A	EXTERNAL ELECTRIFICATION WORK					
I	3 phase 3W 11 KV line with 55 sq. mm Insulat	ed covered	d conductor -	0.120 Km		
1	11 Mtr Long (160x152)mm WPB GI Pole	No	4	34321.52	137286.08	
2	Earthing support coil type(GI)	No	4	225.76	903.04	
3	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr 2 Mtr. For connecting pole with Coil earthing	Kg	1.048	102.00	106.90	
4	100x50x6 mm GI channel for straight cross arm,1.2 Mtr. Each 2 nos. & 0.3 Mtr. Long 2 No. including tapping point	Kg	27.6	102.00	2815.20	
5	11 KV 'V' cross arm	No.	4	1101.60	4406.40	
6	Back clamp for 11 KV V Cross Arm	No.	4	108.80	435.20	
7	11 KV F clamp, Pole top	No	4	326.40	1305.60	
8	11KV Pin Insulator polymer	No.	14	272.00	3808.00	
9	Single core 55 sq. mm 11 KV Insulated covered conductor	Km	0.3708	128000.00	47462.40	
10	Non metallic ties for 11 KV covered conductor	No	14	251.00	3514.00	
11	Disc insulator 45 KN (B & S) Polymer	No.	3	1169.60	3508.80	
12	11 KV HW fitting (B& S)type 2 Bolted	No	3	353.60	1060.80	
13	PG clamp for 55 sq. mm AAAC	No	3	652.80	1958.40	
14	HT stay set complete	No.	1	1428.00	1428.00	
15	11KV stay insulator	No.	1	68.00	68.00	
16	7/10 SWG stay wire, Grade-2	Kg	10	102.00	1020.00	
17	HT stay clamp (1.9 Kg/Pair)	pair	1	170.00	170.00	
18	Danger Board	No	4	108.80	435.20	
19	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	1.2036	102.00	122.77	
20	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	12	108.80	1305.60	
21	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For each back clamp	Kg	4.814	102.00	491.03	
22	GI Nuts and Bolts of assorted size	Kg	5	106.08	530.40	

23	Saundries	No	1	500.00	500.00
					214641.81
TT	Erection of 11 Mtr. Long 160x152 mm WPB p	ole 3 Nos.	as Intermedia	te Poles and rep	acement of
II	conductor -0.3 Km on existing 11 KV Feeder.			_	
1	11 Mtr Long (160x152)mm WPB GI Pole	No	3	34321.52	102964.56
2	Earthing support coil type(GI)	No	3	225.76	677.28
3	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr 2	Va			
	Mtr. For connecting pole with Coil earthing	Kg	0.786	102.00	80.17
	100x50x6 mm GI channel for straight cross				
4	arm,1.2 Mtr. Each 4 nos. & 0.3 Mtr. Long 4	Kg	55.2	102.00	5630.40
	Nos. including tapping point	<b>&gt;</b> T		1101.60	2204.00
5	11 KV 'V' cross arm	No.	3	1101.60	3304.80
6	Back clamp for 11 KV V Cross Arm	No.	3	108.80	326.40
7	11 KV F clamp, Pole top	No	3	326.40	979.20
8	11KV Pin Insulator polymer	No.	15	272.00	4080.00
9	55 sq. mm AAA Conductor	Km	0.927	40800.00	37821.60
10	Disc insulator 45 KN (B & S) Polymer	No.	12	1169.60	14035.20
11	11 KV HW fitting (B& S)type 2 Bolted	No	12	353.60	4243.20
12	PG clamp for 55 sq. mm AAAC	No	12	652.80	7833.60
13	HT stay set complete	No.	4	1428.00	5712.00
14	11KV stay insulator	No.	4	68.00	272.00
15	7/10 SWG stay wire, Grade-2	Kg	40	102.00	4080.00
16	HT stay clamp (1.9 Kg/Pair)	pair	4	170.00	680.00
17	Danger Board	No	3	108.80	326.40
10	Back clamp for danger Board(25x3 mm) GI	Kg	0.9027	102.00	92.08
18	earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each			102.00	
	back clamp				
19	Anticlimbing Device(GI barbed wire 3 Kg per	Kg			
	support)	Kg	9	108.80	979.20
	Back clamp for barbed wire anticlimbing				
20	deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51	Kg			
	Mtr. For each back clamp	· ·	3.611	102.00	368.32
21	GI Nuts and Bolts of assorted size	Kg	7	106.08	742.56
22	Saundries	No	1	500.00	500.00
		110			195728.97
III	LINE DP STRUCTURE WITH 400 A AB SWI	TCH-1 N	0.		
1	11 Mtr Long (160x152)mm WPB Pole(30.44	2.7			
1	Kg/mtr)	No	2	34321.52	68643.04
2	Top Pressure Channel 100X50X6mm. GI	V a			
	2.8mtr. Long 2Nos.(9.2kg/mtr.)	Kg.	51.52	102.00	5255.04
3	Bracing Channel 75x40x6mm.GI 2.8 mtr. Long	Kg.			
<i></i>	2 Nos. (6.8kg./mtr.)	ng.	38.08	102.00	3884.16
4	50x50x6mm Cross Bracing angle,GI 4.0 mtr.	Kg.	2.		<b></b>
-	Long 2 Nos. (4.5 kg./mtr.)		36	102.00	3672.00
5	A/B switch Mounting Channel 75x40x6mm.	Kg.	20.00	102.00	2004.17
	GI 2.8 mtr. Long 2 Nos. (6.8kg./mtr.)		38.08	102.00	3884.16
6	AB Switch side Support Channel (100x50x6	V~			
6	mm) Channel, 9.2 Kg/Mtr., each channel Length 0.35 Mtr., 2 Nos. Channel required.	Kg.	6.44	102.00	656.88
	Channel support for down pipe 75x40x6		0.44	102.00	030.88
7	mm)6.8 Kg/Mtr., each channel Length 0.8 Mtr.	Kg.			
,	,1 No. Channel required.	ĸg.	5.44	102.00	554.88
8	Disc insulator 45 KN (B&S) Polymer	No.	6	1169.60	7017.60
9	11 KV HW fitting (B&S)45 KN, 2 Bolted	No	6	353.60	2121.60
10	PG clamp for 55 sq. mm AAAC	No	6	652.80	3916.80

11	Fish plate, 50x8 mm, 3.14 Kg/mtr.,each 0.280 mtr. Length	Kg	5.275	102.00	538.05
12	11KV AB switch 3 pole(400 Amp,50 Hz)	Set	1	16116.00	16116.00
13	9 KV,10 KA LA	No.	3	1360.00	4080.00
14	HT stay set complete	No.	4	1428.00	5712.00
15	11KV stay insulator	No.	4	68.00	272.00
16	HT stay clamp (1.9 Kg/Pair)	pair	4	170.00	680.00
17	7/10 SWG stay wire	Kg	40	102.00	4080.00
18	Earthing support coil type	No	2	225.76	451.52
10	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr 2	110		223.70	731.32
19	Mtr. For connecting pole with Coil earthing	Kg	0.524	102.00	53.45
20	40 mm Nominal bore GI Pipe Medium gauge earthing device 3 mtrs long	No	3	1428.00	4284.00
21	50x6 mm GI flat earthing ,2.36 Kg/Mtr.,2.5 Mtr. For mesh formation and 2.5 Mtr. For Raising.	Kg	35.4	102.00	3610.80
22	Danger Board	No.	2	108.80	217.60
23	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	0.6018	102.00	61.38
24	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	6	108.80	652.80
25	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. For ech back clamp	Kg	2.407	102.00	245.51
26	GI Nuts, Bolts and washers	Kg	10	106.08	1060.80
27	Sundries (Al. binding tape, insulation tape, paint etc.)	LS	1	1000.00	1000.00
			1	1000.00	142722.08
IV	Installation of 63 KVA 11/0.4KV sub station - 1 No.				112/2200
1	11 Mtr Long (160x152)mm WPB Pole	No	2	34321.52	68643.04
2	Earthing Device coil type GI	No	2	225.76	451.52
3	Top Pressure GI Channel 100x50x6mm	17	51.50	102.00	
4	channel each 2.8 mtr long,2 Nos(9.2K.g/mtr) Transformer mounting GI channel(100x50x6)mm,each 2.8mtr long 2	K.g	51.52	102.00	5255.04
5	No(9.2 Kg/mtr) AB switch &HG fuse mounting GI channel(75x40x6)mm,each 2.8mtr long 4	K.g	51.52	102.00	5255.04
	No(6.8Kg/mtr)	K.g	76.16	102.00	7768.32
6	Cantilever GI Channel for supporting AB switch Arm 75x40x6mm. ,1 mtr. Long 2 Nos. (6.8kg./mtr.)	Kg.	13.6	102.00	1387.20
7	Cantilever angle for supporting AB switch 50x50x6mm GI Angle, 1.5 mtr. Long 2 Nos. (4.5 kg./mtr.)	Kg.	9	102.00	918.00
8	Transformer Belting GI Angle (50x50x6)mm,each 2.8mtr long 2 No(4.5 Kg/mtr)with side angle(Total 7 Mtr.) GI angle for mounting LT Distribution Box	Kg.	31.5	102.00	3213.00
9	50x50x6 mm Angle,1.0 Mtr. Long,2 Nos. 4.5 Kg/Mtr.	K.g	9	102.00	918.00

	AD 3:1 1 1100 50 6				
10	AB witch side support channel 100x50x6 mm GI channel (0.35Mtr Long)(9.2 kg/mtr,2 Nos.)	Kg	6.44	102.00	656.88
	Channel support for down pipe 75x40x6 mm GI				
11	channel(6.8kg/mtr,1 Nos.)each channel length	Kg	5.44	102.00	
	0.8 Mtr., 1 Nos. channel required		_		554.88
12	Disc insulator 45 KN (T&C) Polymer	No.	3	1169.60	3508.80
13	11 KV HW fitting (T&C)45 KN	No	3	353.60	1060.80
14	11KV AB switch( 3 pole,200 Amp,50Hz)	Set	1	9996.00	9996.00
15	11KV HG fuse (3 pole,200 Amp)with PI	Set	1	8323.20	8323.20
16	9KV 5KA LA, Station class	No.	3	1332.80	3998.40
17	HT stay set complete	No.	4	1428.00	5712.00
18	11KV stay insulator	No.	4	68.00	272.00
19	7/10 SWG stay wire, Grade-2	Kg ·	40	102.00	4080.00
20	HT stay clamp (1.9 Kg/Pair)	pair	4	170.00	680.00
21	40 mm Nominal bore GI Pipe Medium	NT.			
21	gauge(3.25 mm thickness) earthing device 3	No	7	1428.00	9996.00
22	mtrs long 25x4 mm GI flat(Neutral)	Kg	10	102.00	1020.00
23	25x6 mm GI flat	Kg Kg	60	102.00	6120.00
24	55 sq. mm AAAC	Km	0.05	40800.00	2040.00
25	PG clamp for 55 sq. mm AAAC	No	3	652.80	1958.40
26	GI Nuts and Bolts of assorted size	Kg	25	106.08	2652.00
	63 KVA 11/0.4 KV (AL) Transformer with BIS	Kg	2.3	100.08	2032.00
27	Energy Level-II	No	1	117640.00	117640.00
	LT Distribution Box with MCCB, Aluminium		1	117010.00	117010.00
28	Bus Bar for single bay with Kitkat fuse for 63	No			
20	KVA S/S .	110	1	24917.92	24917.92
• • •	1 core 95 sq. mm LT XLPE cable(un				
29	armoured)4 Nos., 10 Mtr. Each	Mtr.	40	199.92	7996.80
30	Danger Board	No.	2	108.80	217.60
	Back clamp for danger Board(25x3 mm) GI				
31	earth flat,0.59 Kg/mtr. & 0.51 Mtr. For each	Kg			
	back clamp	υ	0.6018	102.00	61.38
	Anticlimbing Device(GI barbed wire 3 Kg per				
32	support)	Kg	6	108.80	652.80
			0	106.60	032.80
22	Back clamp for barbed wire anticlimbing	**			
33	deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51	Kg			
	Mtr. For ech back clamp		2.407	102.00	245.51
34	Sundries (Al. binding tape, insulation tape, paint	LS			
	etc.)		1	1000.00	1000.00
<b>X</b> 7	GEDVICE CONNECTION				309170.54
V	SERVICE CONNECTION  2.5 Core 2.5 cg, many I.T. DVC aphilo(U.)			<del>,  </del>	
1	3.5 Core 35 sq. mm LT PVC cable(Un armoured)	Mtr.	30	206.72	6201.60
2	No. 8 SWG GI wire	Kg	30	102.00	306.00
3	200 Amp Kit-Kat Fuse	No No	3	677.28	2031.84
4	GI service connection Bracket	No	1	367.20	367.20
5	Sundries	Ls	1	100.00	100.00
					9006.64
VI	Construction of LT 3ph 5 W line using 3x50+1	x35+1x16	sqmm XLPE	AB Cable=0.720 I	
_	8 Mtr Long ,125x70 mm RS Joist				
1	Pole(13Kg/Mtr.)	Kg	2496	88.40	220646.40
2	GI Base Plate(500x500x10mm)@20 Kg/Pc	No	24	2040.00	48960.00
3	L.T Stay set (Complete )	Set	9	707.20	6364.80
4	L.T Stay Insulator	No.	9	40.80	367.20

5	L.T Stay Clamp(1.4 K.g/Pair)	Pair	9	149.60	1346.40
6	7/12 SWG GI Stay Wire , Grade-2	Kg	90	102.00	9180.00
7	Suspension clamp with I Hook for ABC	Pair	22	462.40	10172.80
8	Eye Hook for (XLPE AB)	No	27	81.60	2203.20
9	Pole clamp for eye Hook for XLPE AB	Pair	27	272.00	7344.00
10	Dead end clamp for Bare messenger of XLPE ABC(25-70 Sq. mm)	No	10	88.40	884.00
11	Neutral connector Type-B suitable for main-35-70 sq. mm AAAC & Tap-2.5 to 10 sq. mm service cable cover by black weather resistant insulation cover.	No	24	44.88	1077.12
12	Insulated piercing connector. Type-A-main 16 to 95 sq.mm to Tap-16 to 95 sq.mm	No	24	108.80	2611.20
13	GI Nuts, Bolt and washer of Assorted size	Kg	30	106.08	3182.40
14	3x50+1x35+1x16 sqmm XLPE AB Cable	Km	0.72	190400.00	137088.00
15	Earthing device /Support coil type GI	No	24	225.76	5418.24
16	No-8 GI wire (Dia 4.6mm) 0.131 KG/ Mtr 2 Mtr. For connecting pole with Coil earthing	Kg	6.288	102.00	641.38
17	Danger Board	No.	24	108.80	2611.20
18	Back clamp for danger Board(25x3 mm) GI earth flat,0.59 Kg/mtr. & 0.51 Mtr. ,1No.	Kg	7.344	102.00	749.09
19	Anticlimbing Device(GI barbed wire 3 Kg per support)	Kg	72	108.80	7833.60
20	Back clamp for barbed wire anticlimbing deice 25x3 mm, flat,0.59 Kg/mtr. & 0.51 Mtr. Length 4 Nos.	Kg	29.376	102.00	2996.35
21	Sundries (Paint, clamp,connectors,Binding Tape etc.)	LS	1	1000.00	1000.00
					472677.38
	A.Sub Total	1343947.41			
В	Stock,storage and insurance (@3% on A)				40318.42
С	TOTAL RS.				1384265.83
D	T&P @ 2% of C				27685.32

E	Contigency @ 3% of C				41527.97
F	Transportation @ 7.5% of C				103819.94
	Erection charges @ 10% on others ,5% on Dist.				
	Transformers/Joist Pole/WPB Poles and 20% on PSC				
G	poles				101561.10
Н	TOTAL RS.				1658860.16
19	Stay concreting in ratio 1:2:4 (0.5x0.5x0.8)  Mtr. as per TPSODL specification and drawing  = 0.2 cum	Nos.	13	1235.58	16062.54
20	Stay concreting in ratio 1:2:4 as per TPSODL specification and drawing = 0.2 cum @ 6177.92	Nos.	9	1270.00	11430.00
21	Concreting of Poles in ratio 1:1:5:3(500x500x1800)=0.45 cum	Nos.	11	2880.00	31680.00
22	Couping of Pole in ratio 1:1:5:3(500x500x475)=0.11875cum	Nos.	35	720.00	25200.00
23	Concreting of 8 Mtr. PSC Pole in ratio 1:1:5:3=0.415 cum @ 6400	Nos.	24	2400.00	57600.00
24	Materials for Masonary work for earth pit, charcoal, salt etc. including construction of earthing chamber (size -2"x2") and RCC slab cover.	No	10	1600.00	16000.00
25	Construction of Brick wall Boundary for fencing with excavation, PCC of m15, Plaster of 18 mm thick external surfaces, 12 mm thick pastering internal surfaces, exterior quality plastic emulsion paint, PCC of grade M 10, Dry Rubble siling with 225 or 300 mm thick, MS Gate, Concentina coil with iron angle and barbed wire fixing.	No	1	87,601.00	87,601.00
				Total Rs.	2,45,573.54
	Total Rs.(PART-A)				19,04,433.70
PART-B	AREA ILLUMINATION WORK				
1	40001030 Supply and laying of 16 sq.mm 2 core PVC Al. Arm Cableof 1.1 KV grade ISI Marked direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc. as required. (sl no- 5.1.1)(Make Cable- Finolex/ Havells/Polycab/KEI)	MTR	70	264.25	18497.50
	40001126 providing and fixing 8 SWG(4mm)dia copper wire on surface or in recess for loop earthing as required (sl no-3.18)		,,,	201123	2012/100
2		RFT	60	27.89	1673.40
2	40001906 Supply and fixing of 2.5sqmm service wire along with G.I wire for support of service wire including all acessories and connections	МТР	150	20.24	4401.00
3		MTR	150	29.34	4401.00

			,		
	40002095				
	Supply, Installation, Testing & Commissioning				
	of maintenance free chemical earthing having				
	enhancing chemical compound with 3 Mtr.				
	Long copper bonded steel rod and suitable				
	termination clamp including all accessories.				
	Make :- ABB / STAR-X / UNIVERSAL All the				
	work should be carried out as per the specified				
	specifications and instruction of the Engineer-in-				
	Charge.				
4		NO	1	16650	16650.00
	40002113				
	Supply, erection & stringing of 1-phase 2-wire				
	L.T line with $(1X35 + 1 \times 25)$ mm <sup>2</sup> AB cable				
	over 8mtr long PSC Pole along the road. (30 Mtr				
	Span).				
_	1 /	MTR	490	172.24	84446.60
5		MIK	490	172.34	84440.00
	40002124				
	Supply & fixing of outdoor/indoor type 63A				
	DPMCB panel having I/C-63 A DPMCB-01 No				
	& 63 Amp 2P Change Over/rotary switch				
	Outgoing -02 Nos 32 Amp DPMCB & 02 nos				
	32 A DP switch with powder coating all				
	accessories & connectionMake a)MCB/MCCB-				
	legrand/schnider/abb/,L&T/Anchor/Panasonic				
	•				
	(b)Voltmeter/Ametre-AE/CAPPA	NO		20125	40250.00
6		NO	2	20125	40250.00
	40002201				
	Supply & fixing of				
	200x150mmx60mm(nominal) size				
	pvc(SINTEX) looping end box with hinged				
	cover having one no.20 amp rating moulded				
	fuse base &holder, 4amp NS type fuse and 4way				
	connector to be used in the bottom of street light				
	pole for cable termination as per electrical engg -				
	1.				
	in -charge and consoltant and complite as per				
_	electrical engg -in -charge and consultation	NO		4400	4.6200.00
7		NO	42	1100	46200.00
	40008405				
	Supply & fixing of 90 Wt. LED Street light				
	fitting comprises of Pressure die cast				
	Aluminium housing powder coated in silver				
	grey and toughened glass, Surge Arrester 1 No				
	& 100lum/wt, Protection IP66 having LM 79				
	LM 80 tested including bulb, choke, cover, G.I				
	bracket, clamp & nut bolt connecting wire with				
	_				
	all accessories . (Make- CROMPTON(MODEL				
	NO-TRP-412-90-57-SL-LM-				
	NSG)/PHILIPS(MODEL NO-BRP033 LED90S				
	90W 9000LM)/WIPRO(MODEL NO-LR08-102-				
	XXX-57-XX)				
8		NO	18	7504.8	135086.40

	40008415 Supply & fixing of 120 Wt. LED FLOOD light fitting comprises of Pressure die cast Aluminium housing powder coated in silver grey and toughened glass, Surge Arrester 1 No & 100lum/wt, Protection IP66 having LM 79 LM 80 tested including bulb,choke,cover,G.I bracket,clamp & nut bolt connecting wire with all accessories and as per instruction of Electrical Engineer-in-charge. (Make-CROMPTON(MODEL NO-TFS-504-120-57-60D-SL-GL-NSG/PHILIPS(MODEL NO-BVP142 LED100S 110W 11000)/WIPRO(MODEL NO-LF40-132-060-57-				
9	XX)	NO	24	10995.4	262000 60
9	TOTAL RS.(PART-B)	INO	24	10993.4	263889.60 <b>6,11,094.50</b>
PART-C	LIGHTNING PROTECTION SYSTEM				0,11,074.30
1	Air-Terminal Supply, Installation, Testing & Commissioning of Early Streamer Emission (ESE-30))type Lightning Air Terminal. Supporting Mast The mounting pole used to support the lightning air terminal shall be minimum length of 05 Mtr., non corrosive and made up of medium class GI / SS pipe of 1.5" diameter having base plate at bottom for securely fixing the mast on roof top. The mounting pole and supports shall be securely fixed with the brackets and PVC insulated metallic guy wires to withstand the maximum wind velocity of that area. Protection Radius:-48 Mtr Make:- ABB / STROMKING All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	NO	2	99250.00	198500.00
2	Lightning Strike Counter Supply, Installation, Testing & Commissioning of non-electronic & non-resettable (Not require any external power supply) type lightning strike counter to count the lightning stroke having display with IP-67 enclosure including all accessories and connection(6/7 digit) Make :- ABB / STROMKING All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge. Engineer-in-Charge.	NO	2	27250.00	54500.00

3	40002095 Supply, Installation, Testing & Commissioning of maintenance free chemical earthing having enhancing chemical compound with 3 Mtr. Long copper bonded steel rod and suitable termination clamp including all accessories. Make:-ABB/STAR-X/UNIVERSAL All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	NO	5	16650.00	83250.00
4	Supply, connection &Testing of sub earthing with 16 Sq.mm single core multi stranded copper flexible wire from surge protection device (SPD) panel to earth electrode & Main panel board to SPD panel including all accessories, cable socketing and connections.  Make:-FINOLEX / ANCHOR / HAVELLS All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge	MTR	18	154.73	2785.14
5	40002101 Supply, Installation, Testing & Commissioning of indoor type wall mounted Surge protection device (SPD) panel made of 2 mm thick CRCA sheet, dust and vermin proof duly powder coated having the following arrangement & complete factory wired by 16 Sq.mm single core multi stranded copper flexible wire. [A] Type 1+2 AC Surge Protection Device (SPD) (TP+N) (50 KA) - 01 Set [B] 63 Amp. HRC fuse with link – 03 Nos [C] 100 Amp. 4 pole stud connector – 01 No Make of SPD & HRC Fuse: HAVELLS / L&T / LEGRAND Make of Wire: FINOLEX / ANCHOR / HAVELLS All the work should be carried out as per the specified specifications and instruction of the Engineer-in-Charge.	NO	1	18665.00	18665.00
6	40002720 Supply and laying of 70sqmm single core FR PVC insulated unseathed copper conductor for voltage grade 1100 volt as per IS-694 in sur face/underground as required(sl no-5.5.2)(Make- KEI/FINOLEX/HAVELLS)	MTR	60	1041.47	62488.20

Supply & Erection of 12 mtr long Heavy gauge Tata MS stepped pole(6mtrx4inch and 6 mtr x 4 inch) with 2ft x2ft x 10mm MS Base plate and 30 cm x 30cm x6mm MS Top plate including fabrication,painting with 1 coat red oxide and 2 coat aluminium paint/12 mtr long heavy gauge G.I stepped pole with 4nos complete stay set for support of pole couping and concrting along with all accessories complete as required and as per electrical engineer-in-Charge.	SET	2	44714.99	89429.98
TOTAL RS.(PART-C)	221	_		5,09,618.32
Total Cost(PART-A+PART-B+PART-C)				30,25,146.52
Cess @ 1%				30,251.47
Total Estimated Cost				30,55,397.99
Total Estimated Cost in Figures				30,55,398.00
LESS Please Tick)			%	
Quoted Amount in Figure				
Quoted Amount in word				
	Tata MS stepped pole(6mtrx4inch and 6 mtr x 4 inch) with 2ft x2ft x 10mm MS Base plate and 30 cm x 30cm x6mm MS Top plate including fabrication, painting with 1 coat red oxide and 2 coat aluminium paint/12 mtr long heavy gauge G.I stepped pole with 4nos complete stay set for support of pole couping and concrting along with all accessories complete as required and as per electrical engineer-in-Charge.  TOTAL RS.(PART-C)  Total Cost(PART-A+PART-B+PART-C)  Cess @ 1%  Total Estimated Cost  Total Estimated Cost in Figures  Please Tick)	Tata MS stepped pole(6mtrx4inch and 6 mtr x 4 inch) with 2ft x2ft x 10mm MS Base plate and 30 cm x 30cm x6mm MS Top plate including fabrication,painting with 1 coat red oxide and 2 coat aluminium paint/12 mtr long heavy gauge G.I stepped pole with 4nos complete stay set for support of pole couping and concrting along with all accessories complete as required and as per electrical engineer-in-Charge.  SET  TOTAL RS.(PART-C)  Total Cost(PART-A+PART-B+PART-C)  Cess @ 1%  Total Estimated Cost  Total Estimated Cost in Figures  Quoted Amount in Figure  Quoted Amount in word	Tata MS stepped pole(6mtrx4inch and 6 mtr x 4 inch) with 2ft x2ft x 10mm MS Base plate and 30 cm x 30cm x6mm MS Top plate including fabrication,painting with 1 coat red oxide and 2 coat aluminium paint/12 mtr long heavy gauge G.I stepped pole with 4nos complete stay set for support of pole couping and concrting along with all accessories complete as required and as per electrical engineer-in-Charge.  SET 2  TOTAL RS.(PART-C)  Total Cost(PART-A+PART-B+PART-C)  Cess @ 1%  Total Estimated Cost  Total Estimated Cost in Figures  Quoted Amount in Figure  Quoted Amount in word	Tata MS stepped pole(6mtrx4inch and 6 mtr x 4 inch) with 2ft x2ft x 10mm MS Base plate and 30 cm x 30cm x6mm MS Top plate including fabrication,painting with 1 coat red oxide and 2 coat aluminium paint/12 mtr long heavy gauge G.I stepped pole with 4nos complete stay set for support of pole couping and concrting along with all accessories complete as required and as per electrical engineer-in-Charge.  SET 2 44714.99  TOTAL RS.(PART-C)  Total Cost(PART-A+PART-B+PART-C)  Cess @ 1%  Total Estimated Cost  Total Estimated Cost in Figures  Quoted Amount in Figure  Quoted Amount in word

N:B- The Estimated cost is exclusive of GST.

Signature of Tenderer with seal

Sd/-Asst. Project Manager (Elect) Sd/-DM(Elect.)I/C

Sd/-Project Manager(Elect.)